

Appendix A
Path Definitions

1.0 Path Definitions

Path definitions are provided in this section, with an asterisk ‘*’ denoting metering points.

1.1 Path 36: TOT 3 (Location: border between northeast Colorado and southeast Wyoming)

The TOT 3 transmission Path #36 is defined as the sum of flow on the following lines:

- Archer* – Ault 230 kV
- Laramie River* – Ault 345 kV
- Laramie River* – Story 345 kV
- Cheyenne* – Owl Creek 115 kV
- Sidney* – Sterling 115 kV
- Sidney* – Spring Canyon 230 kV
- Cheyenne* – Ault 230 kV

The current path rating is 1680 MW north to south.

1.2 Path 37: TOT 4A (Location: southwest Wyoming)

The TOT 4A transmission Path #37 is defined as the sum of flow on the following lines:

- Riverton* - Wyopo 230 kV
- Standpipe* - Platte 230kV
- Mustang* - Spence 230 kV

The current path rating is 1025 MW northeast to southwest with Great Divide normal open point.

1.3 New: Aeolus West replaces TOT 4A (Location: southwest Wyoming)

The new Aeolus West transmission is defined as the sum of flow on the following lines:

- Aeolus* - Anticline 500 kV
- Riverton* - Wyopo 230 kV
- Platte* - Latham 230kV
- Mustang* - Bridger 230 kV

The path rating is 2670 MW East to West based on full Energy Gateway project

1.4. Path 38: TOT 4B (Location: northwest Wyoming)

The TOT 4B transmission Path #38 is defined as the sum of flows on the following lines:

- Buffalo – Carr Draw* 230 kV
- Tongue River – Sheridan* 230 kV
- Spence* – Thermopolis 230 kV
- Alcova* – Raderville 115 kV
- Casper* – Midwest 230 kV
- Riverton* – Thermopolis 230 kV
- Riverton 230 kV* – Riverton 115 kV transformers
- Subtract PreCorp load at Sheridan (approximately 4 MW in base case)

The current path rating is 880 MW southeast to northwest.

1.5. Path 30: TOT 1A (Location: northwest Colorado)

The TOT 1A transmission Path #30 is defined as the sum of flows on the following lines:

- Craig* - Bonanza 345 kV
- Hayden* - Artesia 138 kV
- Meeker - Rangely 138 kV

The current path rating is 650 MW east to west.

1.6. Path 19: Bridger West (Location: border between southeast Idaho and southwest Wyoming)

The Bridger West transmission Path #19 is defined as the sum of the flows on the following lines:

Jim Bridger* - Threemile Knoll 345 kV
Jim Bridger* - Populus 345 kV #1
Jim Bridger* - Populus 345 kV #2

The current path rating is 2400 MW east to west.